November 1, 2011 Page 1 of 2

Docket No.: ISPH-0859USA / ISIS.029NP

Please Direct All Correspondence to Customer Number 55389

Applicant : Brett P. Monia et al.

Patent No. : 7,981,868

Issued : July 19, 2011

For : ANTISENSE MODULATION OF

P38 MITOGEN ACTIVATED

PROTEIN KINASE EXPRESSION

Art Unit 1635

Examiner : Terra C. Gibbs

PETITION TO CORRECT INVENTORSHIP PURSUANT TO 37 C.F.R. § 1.324

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Dear Sir:

Pursuant to 37 C.F.R. § 1.324, correction of inventorship of the above-referenced patent, U.S. Patent No. 7,981,868, is requested by the addition of the following inventor:

William A. Gaarde;

and by deletion of the following inventors:

Susan M. Freier, Ian Popoff and James G. Karras.

Pursuant to § 1.324(b)(1), a statement from each person who is being added as an inventor that the inventorship error occurred without any deceptive intent on his part is submitted herewith.

Pursuant to § 1.324(b)(2), a statement from the current named inventors either agreeing to the change of inventorship or stating that they have no disagreement in regard to the requested change is submitted herewith.

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Docket No.: ISPH-0859USA / ISIS.029NP Patent No.: 7,981,868

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Pursuant to § 1.324(b)(3), a statement from all assignees of the parties submitting statements under §§ 1.324(b)(1) and (2) in compliance with § 3.73(b) agreeing to the change of inventorship is submitted herewith.

Pursuant to § 1.324(b)(4), this Petition is accompanied by the fee set forth in § 1.20(b).

Please charge any additional fees, including any fees for additional extension of time, or credit overpayment to Deposit Account No. 11-1410.

Respectfully submitted,

KNOBBE MARTENS OLSON & BEAR LLP

Dated: November 1, 2011

Brenden Gingrich Registration No. 60,295 Attorney of Record Customer No. 55,389 (858)707-4000

August 3, 2011 Page 1 of 1

Docket No.: ISPH-0859USA / ISIS.029NP

Please Direct All Correspondence to Customer Number 55389

Applicant : Brett P. Monia et al.

Patent No. : 7,981,868

Issued : July 19, 2011

For : ANTISENSE MODULATION OF

P38 MITOGEN ACTIVATED

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Art Unit 1635

Examiner : Terra C. Gibbs

PETITION TO CORRECT INVENTORSHIP PURSUANT TO 37 C.F.R. § 1.324 STATEMENT OF INVENTOR TO BE ADDED PURSUANT TO 37 C.F.R. § 1.324(b)(1)

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Dear Sir:

I understand that pursuant to 37 C.F.R. § 1.324, correction of inventorship of the abovereferenced patent, U.S. Patent No. 7,981,868, is requested by the addition of the following inventor: William A. Gaarde; and by deletion of the following inventors: Susan M. Freier, Ian Popoff and James G. Karras.

Pursuant to § 1.324(b)(1), I hereby state that the inventorship error occurred without any deceptive intent on my part.

Respectfully submitted,

Dated: 9/28///____

William

Docket No : ISPH-0859USA / ISIS 029NP September 12, 2011 Page 1 of 2

Please Direct All Correspondence to Customer Number 55389

: Brett P. Monia et al. Applicant

Patent No. : 7,981,868

Issued : July 19, 2011

: ANTISENSE MODULATION OF For P38 MITOGEN ACTIVATED

PROTEIN KINASE EXPRESSION

Art Unit 1635

Examiner : Terra C. Gibbs

PETITION TO CORRECT INVENTORSHIP PURSUANT TO 37 C.F.R. § 1.324 STATEMENT OF CURRENT NAMED INVENTORS PURSUANT TO 37 C.F.R. § 1.324(b)(2)

Commissioner for Patents

P.O. Box 1450 Alexandria, VA 22313-1450

Dear Sir:

I understand that pursuant to 37 C.F.R. § 1.324, correction of inventorship of the abovereferenced patent, U.S. Patent No. 7,981,868, is requested by the addition of the following inventor: William A. Gaarde.

Pursuant to § 1.324(b)(2), I hereby state that I either agree to the change of inventorship or have no disagreement in regard to the requested change.

Docket No.: ISPH-0859USA / ISIS.029NP Patent No.: 7,981,868

September 12, 2011 Page 2 of 2

Please Direct All Correspondence to Customer Number 55389	
	Respectfully submitted,
Dated: 9/19/11	Sugularia Brett P. Monia
Dated:	Kenneth W. Dobie
Dated: 27 - Sept -2011	Susan M. Freier
Dated:	Ian Popoff
Dated:	James G. Karras
11653569 072711	

August 3, 2011 Page 1 of 2

Docket No.: ISPH-0859USA / ISIS.029NP

Please Direct All Correspondence to Customer Number 55389

Applicant : Brett P. Monia et al.

Patent No. : 7,981,868

Issued : July 19, 2011

For : ANTISENSE MODULATION OF

P38 MITOGEN ACTIVATED

PROTEIN KINASE EXPRESSION

Art Unit 1635

Examiner : Terra C. Gibbs

PETITION TO CORRECT INVENTORSHIP PURSUANT TO 37 C.F.R. § 1.324

STATEMENT OF CURRENT NAMED INVENTORS PURSUANT TO 37 C.F.R. § 1.324(b)(2)

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Dear Sir:

I understand that pursuant to 37 C.F.R. § 1.324, correction of inventorship of the abovereferenced patent, U.S. Patent No. 7,981,868, is requested by the addition of the following inventor: William A. Gaarde; and by deletion of the following inventors: Susan M. Freier, Ian Popoff and James G. Karras.

Pursuant to § 1.324(b)(2), I hereby state that I either agree to the change of inventorship or have no disagreement in regard to the requested change.

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Patent No.: 7,981,868

August 3, 2011 Page 2 of 2

Please Direct All Correspondence to Customer Number 55389

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Docket No.: ISPH-0859USA / ISIS.029NP

Please Direct All Correspondence to Customer Number 55389

Applicant : Brett P. Monia et al.

Patent No. : 7,981,868

: July 19, 2011 : ANTISENSE MODULATION OF For

P38 MITOGEN ACTIVATED

PROTEIN KINASE EXPRESSION

Art Unit 1635

Examiner : Terra C. Gibbs

PETITION TO CORRECT INVENTORSHIP PURSUANT TO 37 C.F.R. § 1.324

STATEMENT OF CURRENT NAMED INVENTORS PURSUANT TO 37 C.F.R. § 1.324(b)(2)

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Dear Sir:

Issued

I understand that pursuant to 37 C.F.R. § 1.324, correction of inventorship of the abovereferenced patent, U.S. Patent No. 7,981,868, is requested by the addition of the following inventor: William A. Gaarde; and by deletion of the following inventors: Susan M. Freier, Ian Popoff and James G. Karras.

Pursuant to § 1.324(b)(2), I hereby state that I either agree to the change of inventorship or have no disagreement in regard to the requested change.

Docket No.: ISPH-0859USA / ISIS.029NP

Patent No.: 7,981,868

August 3, 2011 Page 2 of 2

Please Direct All Correspondence to Customer Number 55389

	Respectfully submitted,
Dated:	Brett P. Monia
Dated:	Kenneth W. Dobie
Dated:	Susan M. Freier
Dated: Aug Il II	lan Popoff
Dated:	James G. Karras
11653569	

Docket No.: ISPH-0859USA / ISIS.029NP September 12, 2011 Page 1 of 2

Please Direct All Correspondence to Customer Number 55389

Applicant

: Brett P. Monia et al.

Patent No.

: 7,981,868

Issued

: July 19, 2011

For

: ANTISENSE MODULATION OF

P38 MITOGEN ACTIVATED

PROTEIN KINASE EXPRESSION 1635

Art Unit Examiner

: Terra C. Gibbs

PETITION TO CORRECT INVENTORSHIP PURSUANT TO 37 C.F.R. § 1.324 STATEMENT OF CURRENT NAMED INVENTORS PURSUANT TO 37 C.F.R. § 1.324(b)(2)

Commissioner for Patents P.O. Box 1450

Alexandria, VA 22313-1450

Dear Sir:

I understand that pursuant to 37 C.F.R. § 1.324, correction of inventorship of the abovereferenced patent, U.S. Patent No. 7,981,868, is requested by the addition of the following inventor: William A. Gaarde.

Pursuant to § 1.324(b)(2), I hereby state that I either agree to the change of inventorship or have no disagreement in regard to the requested change.

Docket No.: ISPH-0859USA / ISIS.029NP

Patent No.: 7,981,868

September 12, 2011 Page 2 of 2

Please Direct All Correspondence to Customer Number 55389

	Respectfully submitted,
Dated:	Brett P. Monia
Dated:	Kenneth W. Dobie
Dated:	Susan M. Freier
Dated:	Ian Popoff
Dated: September 28,2011	Japie G. Karras
11653569 072711	

Docket No.: ISPH-0859USA / ISIS.029NP August 3, 2011
Page 1 of 2

Please Direct All Correspondence to Customer Number 55389

Applicant : Brett P. Monia et al.

Patent No. : 7,981,868

Issued : July 19, 2011

For : ANTISENSE MODULATION OF

P38 MITOGEN ACTIVATED

PROTEIN KINASE EXPRESSION

Art Unit 1635

Examiner : Terra C. Gibbs

PETITION TO CORRECT INVENTORSHIP PURSUANT TO 37 C.F.R. § 1.324

STATEMENT OF ASSIGNEE PURSUANT TO 37 C.F.R. § 1.324(b)(3)

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Dear Sir:

Isis Pharmaceuticals, Inc. understands that pursuant to 37 C.F.R. § 1.324, correction of inventorship of the above-referenced patent, U.S. Patent No. 7,981,868, is requested by the addition of the following inventor: William A. Gaarde; and by deletion of the following inventors: Susan M. Freier, Ian Popoff and James G. Karras.

Pursuant to § 1.324(b)(3), Isis Pharmaceuticals, Inc., the assignee of all the parties submitting statements under §§ 1.324(b)(1) and (2) hereby states that it agrees to the change of inventorship.

Isis Pharmaceuticals, Inc., a Corporation, is the Assignment from all of the currently named inventors to Isis Pharmaceuticals, Inc. recorded in the United States Patent and Trademark Office on January 25, 2008, at Reel 020418, and Frame 0652, and from William A. Gaarde, the

 Docket No.:
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 August 3, 2011

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Please Direct All Correspondence to Customer Number 55389

person to be added as an inventor, to Isis Pharmaceuticals, Inc. recorded in the United States Patent and Trademark Office on February 1, 2011, at Reel 025728, and Frame 0237.

Respectfully submitted,

Isis Pharmaceuticals, Inc.

Dated: FOCT 201

Jason D Ferrone

Vice President Patents, Senior Patent Counsel Isls Pharmaceuticals, Inc.